

IN THE CLAIMS

Please amend the claims as follows.

For the Examiner's convenience, a list of all claims is included below.

1. (Currently amended) A wafer cluster tool comprising:
a plurality of processing stations for processing wafers, each processing station further comprising
a process chamber,
a local clock coupled to the process chamber;
a master server in communication with the local clock in each processing station, the master server including
a master clock
timetable software, wherein the timetable software records a local time for each clock in the plurality of processing stations and
scheduling software, the scheduling software having a pre-
determined schedule for the cluster tool
wherein the pre-determined schedule is periodic according to a fixed
sending period such that the pre-determined schedule is identical in each sending
period
and wherein the time recorded on the local clocks of each processing
station and the master clock is measured in units of the sending period.
2. (Original) The wafer cluster tool of claim 1, wherein each processing station further comprises:

a CPU coupled to the processing station, wherein the local clock coupled to the process chamber resides on the CPU;

3. (Original) The wafer cluster tool of claim 2 further comprising:

a local area network, wherein the master server is coupled to the CPU in each processing station via the local area network.

4. (Original) The wafer cluster tool of claim 3, further comprising:

a CPU coupled to the master server, wherein the master clock is resident on the CPU coupled to the master server.

5. (Original) The wafer cluster tool of claim 1, wherein the timetable software comprises a relational database.

6. (Original) The wafer cluster tool of claim 1, wherein the master server is coupled to the CPU in each processing station via the Internet.

7. (Original) The wafer cluster tool of claim 1, wherein the timetable software comprises a spreadsheet.

8. (Currently amended) The wafer cluster tool of claim 7, wherein the timetable software is updated to in real-time.

9 – 26 (Canceled)